BRUHATH BANGALORE MAHANAGARA PALIKE

PROJECT DIVISION-YALAHANKA

Bill No : 2nd and Final Bill

Mr N LOKANATH REDDY

TOTAL ABSTRACT

Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07

Description of Item of Work	Unit	Quantity	Rate in Rs.	Amount in Rs.	Remarks
Earthwork in surface excavation in ordinary soil for levelling and leveling the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications.	**Cum**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		728.92			
Present Qty		**728.92**			
Previous Bill Qty		676.53			
Total		1,405.45			
Qualified BOQ qty		1307.00			
Quantity to be Paid		**728.92**			
Quantity Limited to be Paid		**630.46**			
Above 125%		**630.46**	**277.14**	**1,74,725.00**	
Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and roads, piling at designated locations and disposal of dismantled materials upto a lead of 1000 metrers, stacking serviceable and unserviceable materials seperately complete as per specifications.	**Cum**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		0.00			
Present Qty		**0.00**			
Previous Bill Qty		22.27			
Total		22.27			
Qualified BOQ qty		22.64			
Quantity to be Paid		**0.00**	**1000.59**	**0.00**	
Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, serting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 metres complete as per specificafions. iii) Dismantling Stone Masonry. B. Rubble Stone masonry in cement mortar.	**Cum**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		0.00			
Present Qty		**0.00**			
Previous Bill Qty		34.20			
Total		34.20			
Qualified BOQ qty		34.83			
Quantity to be Paid		**0.00**	**390.66**	**0.00**	
Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including leveling the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	**Cum**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		0.00			

Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .

Description of Item of Work	Unit	Quantity	Rate in Rs.	Amount in Rs.	Remarks
Present Qty		0.00			
Previous Bill Qty		469.80			
Total		469.80			
Modified BOQ qty		469.80			
Quantity to be Paid		0.00	6059.17	0.00	
Excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, hard rock by chiseling and/or wedging, where blasting is prohibited 1.50 m. in depth stacking the excavated stuff clear from the edge of excavation with lead upto 50m including cost of labour complete as per specifications.	Cum				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		0.00			
Present Qty		0.00			
Previous Bill Qty		314.06			
Total		314.06			
Modified BOQ qty		314.06			
Quantity to be Paid		0.00	2272.75	0.00	
Disposal of debries to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 20 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4(1) ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1.	Cum				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		631.20			
Present Qty		631.20			
Previous Bill Qty		733.00			
Total		1,364.20			
Modified BOQ qty		1364.47			
Quantity to be Paid		631.20			
Up to 125%		631.20	138.60	87,484.00	
Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		112.75			
Present Qty		112.75			
Previous Bill Qty		73.53			
Total		186.28			
Modified BOQ qty		186.29			
Quantity to be Paid		112.75			
Up to 125%		64.87	5678.53	3,68,358.00	
Above 125%		47.88	5678.53	2,71,868.00	
Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates jelly of ready mixed concrete (RMC) M-20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for foundations & Sub-Structrue Works with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges)	Cum				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		247.54			
Present Qty		247.54			
Previous Bill Qty		244.62			

: Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .

Description of Item of Work	Unit	Quantity	Rate in Rs.	Amount in Rs.	Remarks
Total		492.16			
Modified BOQ qty		492.16			
Quantity to be Paid		**247.54**			
Up to 125%		89.78	**6059.17**	**5,44,001.00**	
Above 125%		157.76	**6059.17**	**9,55,895.00**	
Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc.,for all Super Structure Works with all lead and lift etc., complete. (exclusive of cost of steel and fabrication charges) - Ready mixed Cement concrete M-30	**Cum**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		0.00			
Present Qty		**0.00**			
Previous Bill Qty		445.70			
Total		445.70			
Modified BOQ qty		445.70			
Quantity to be Paid		**0.00**	**6230.57**	**0.00**	
Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	**Sqm**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		2,053.60			
Present Qty		**2,053.60**			
Previous Bill Qty		1220.74			
Total		3,274.34			
Modified BOQ qty		3274.34			
Quantity to be Paid		**2,053.60**			
Up to 125%		887.26	**398.45**	**3,53,528.00**	
Above 125%		1,166.34	**398.45**	**4,64,729.00**	
Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	**MT**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		20.74			
Present Qty		**20.74**			
Previous Bill Qty		47.25			
Total		67.99			
Modified BOQ qty		67.99			
Quantity to be Paid		**20.74**	**78985.16**	**16,37,933.00**	
Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m. including cost of all labour complete as per specifications.	**Cum**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		0.00			
Present Qty		**0.00**			
Previous Bill Qty		62.35			
Total		62.35			
Modified BOQ qty		62.35			

Description of Item of Work	Unit	Quantity	Rate in Rs.	Amount in Rs.	Remarks
Name of work : Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .					
Quantity to be Paid		**0.00**	**448.54**	**0.00**	
Providing and fixing 3m long 25mm dia TMT dowel bars 1.5m inserted in 50mm dia holes drilled in hard rock and grouting in CM 1:1 including necessary bending, hooking, cutting and handling charges complete, including the cost of steel. (MORTH clause 1200). - below GWL in open foundation upto 3m. ((P.174 /I.26.130.1 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)	**No's**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		0.00			
Present Qty		**0.00**			
Previous Bill Qty		620.00			
Total		620.00			
Modified BOQ qty		620.00			
Quantity to be Paid		**0.00**	**1882.08**	**0.00**	
Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mmdia M.S. hold fast rods each of length 25 cms. Including cost of all materialscutting, bending scaffolding wherever necessary, nicely finishing the weldedjoints with all lead lifts and as per the directions of the Engineer-in - charge ofthe work and including providing 2 coats of approved quality paint over onecoat of shop painting (excluding cost of earthwork and concrete) includingcost of materials, labour, HOM complete as per specifications. Item No 37.2 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)	**m**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		0.00			
Present Qty		**0.00**			
Previous Bill Qty		50.00			
Total		50.00			
Modified BOQ qty		50.00			
Quantity to be Paid		**0.00**	**956.07**	**0.00**	
Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications.Item No 37.3 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)	**Sqm**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		0.00			
Present Qty		**0.00**			
Previous Bill Qty		80.40			
Total		80.40			
Modified BOQ qty		80.40			
Quantity to be Paid		**0.00**	**795.80**	**0.00**	

Work : Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .

Description of Item of Work	Unit	Quantity	Rate in Rs.	Amount in Rs.	Remarks
Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of I4 including removing the bends, cutting the pipe, and fixing pipe in between theexisting two verticle poles (M.S. rectangular poles) and spot welding the chainlink with M.S. block pipe including cost of all materials wastage in cutting,and scaffolding wherever necessary with all lead and lift as directed by theEngineer-in-charge of work etc., complete including two coats of approvedquality paint over one coat of shop paint, including cost of materials, labour,HOM complete as per specifications..Item No 37.4 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)	**m**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		0.00			
Present Qty		**0.00**			
Previous Bill Qty		107.20			
Total		107.20			
Modified BOQ qty		107.20			
Quantity to be Paid		**0.00**	**454.10**	**0.00**	
Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800 mm using M20 concrete reinforced with steel @ 6.00 kg/Sqm, slabs jointed in CM 1:3 proportion and nicely finished including providing holes in the Cover slabs wherever necessary for easy drainage of surface water including of labour, materials, HOM of machineries, curing, lead and lift charges etc, Complete as per MORTH specifications No. 1500, 1700. (P.No.272, I.No.37.66 of PW,P&IWTD SR 2018-19)	**m**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		234.00			
Present Qty		**234.00**			
Previous Bill Qty		162.00			
Total		396.00			
Modified BOQ qty		396.00			
Quantity to be Paid		**234.00**	**2337.00**	**5,46,858.00**	
Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	**Sq-m**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		12.00			
Present Qty		**12.00**			
Previous Bill Qty		0.00			
Total		12.00			
Modified BOQ qty		12.00			
Quantity to be Paid		**12.00**	**5418.00**	**65,016.00**	
KSRRB 5-14: Providing and Constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton/sqm with cement mortor 1:4 masonry (quoin, jamb, closer blocks) with solid concrete blocks of size 40X15X20 cms confirming to I.S:2185/1965 in superstructure including cost of materials, labor charges, scaffolding, curing complete as per specifications (P.No.25, I.No.5.26.2 of PW, P&IWTD SR 2018-19)	**Sqm**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .		0.00			
Present Qty		**0.00**			
Previous Bill Qty		56.00			
Total		56.00			
Modified BOQ qty		56.00			

Work : Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .

Description of Item of Work	Unit	Quantity	Rate in Rs.	Amount in Rs.	Remarks
Quantity to be Paid		0.00	1028.41	0.00	
Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)	**Sqm**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .					
Present Qty		0.00			
Previous Bill Qty		0.00			
Total		1033.05			
Modified BOQ qty		1,033.05			
Quantity to be Paid		1034.06			
		0.00	116.87	0.00	
Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)	**Sqm**				
Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara in Ward no.07 Byatarayanapura .					
Present Qty		0.00			
Previous Bill Qty		0.00			
Total		108.00			
Modified BOQ qty		108.00			
Quantity to be Paid		108.22			
		0.00	779.10	0.00	
			Total	54,70,395.00	
			12% GST	6,56,447.40	
			Grand Total	61,26,842.00	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
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